AMENDMENTS TO THE CLAIMS

1. - 52 (Canceled)

53. (Currently Amended) A cross-linked polyether which is obtained by polymerizing a monomer of the general formula:

wherein

D is PEG, PPG, or poly(THF), and

C and E independently represent a <u>nitrile an aldehyde</u>, wherein all the monomers of the cross-linked polyether are identical.

54. -60 (Canceled)

61. (Currently Amended) A method for preparing a cross-linked polyether, comprising the step of polymerizing a monomer of the general formula:

$$C \longrightarrow D \longrightarrow D$$

wherein

D is PEG, PPG, or poly(THF), and

C and E independently represent-a <u>nitrile</u> an <u>aldehyde</u>, wherein all the monomers of the cross-linked polyether are identical.

62. -66. (Canceled)